Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 13 Jan 2023 until 23:59 on Saturday 14 Jan 2023

Forecast Issued on Friday 13 Jan 2023 at 03:08

Confidence: High for unsettled through much of the period, also for turning to a colder more sheltered northerly from Monday. Lowering confidence for detail of timing and intensity of worst of the weather before Monday, also for detail on Tuesday.

Headline for Friday 13 Jan 2023: Rather cloudy with occasional showers. Windy start with early gales possible.

Mountain weather hazards on Friday 13 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
40%	40%	40%	30%	10%	80%

Forecast for Friday 13 Jan 2023

Weather: Mainly cloudy by day with showers, most frequent in the northwest. Showers will be heavy at times with a low risk of thunder. Becoming mostly dry from mid-afternoon. Cloud then thickening early evening, with a band of rain and summit snow moving in from the west during the evening. Wind easing during the day.

Chance of cloud-free hill tops above 600m: 70%, becoming 20% during the evening.

Low cloud and visibility: Good, becoming moderate or poor in showers or rain, very poor within cloud with bases occasionally lowering to 500-600m as showers push through. Extensive cloud down to 400-500m developing during the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Friday 13 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	40/49 W	36/45 W	31/41 W	32/43 W	26/35 W	21/29 SW	25/35 SW
300	30/40 W	28/39 W	26/38 W	24/36 W	17/27 SW	14/22 SW	18/29 S
Valley	21/42 W	20/39 W	18/36 W	18/37 W	11/25 W	9/20 SW	11/26 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-5	3/-4	3/-4	3/-5	2/-5	1/-5	3/-4
300	5/-1	5/-0	5/-1	5/-0	4/-1	4/-1	5/0
Valley	6/1	6/1	6/1	6/1	5/1	4/1	5/2
Freezing Level*	1000m	1000m	1000m	900m	800m	800m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 45-55 mph will give very difficult walking conditions with a risk of being blown off balance. Risk of severe wind chill on the higher slopes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 13 Jan 2023	7.2mm	23.8mm	48.2mm

Forecast for Saturday 14 Jan 2023

Weather: Overcast with periods of rain, frequently turning heavy. Likely clearing to brighter spells and heavy showers, wintry on summits, during the late afternoon. Snow level lowering to 500m later in the day. Risk of blizzard conditions on summits.

Maximum wind: West mean 25-30mph with gusts reaching 45-50mph across most exposed ridges and summits from mid-morning.

Chance of cloud-free hill tops above 600m: Virtually nil, becoming 70% late afternoon

Low cloud and visibility: Moderate or poor in rain, very poor in snow and within cloud with bases extensive down to 300-500m, possibly improving late afternoon.

Temperature: **Valleys:** Plus 2 Celsius increasing 10 Celsius during the afternoon
At 600m: Plus 4 Celsius decreasing Zero Celsius
Freezing level: 1200m decreasing 600m

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